

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						Page 1 of 1		
						August 2002		
TO: Chairman, Ocean, Highway & Port Authority P.O. Box 1543, Fernandina Beach, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Fernandina Harbor, Nassau County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Inner Channels: Cuts 1 thru 3 From Fort Clinch, P.I. With Kings Bay Entrance Channel to Old Town, at Red Buoy-6	Jul-2002	400-1100	1.9	36	35.6	36.3	35.7	35.2 (1)
Old Town: Cuts 4 thru 6 From Red Buoy-6 to Nassau Terminal at Red Buoy-10.	Jul-2002	400	1	36	36.0	36.9	36.9	32.8 (2)
Turning Basin: adjacent to Cuts 5 and 6, opposite Nassau Terminal	Jul-2002	0-450	0.3	35	35.7	35.8	35.0	30.7 (3)
Port of Fernandina Berthing Area at Nassau Terminal	Oct-1999	0-100	0.2	36	29.4 (4)	36.2	38.1	39.7
Nassau Terminal: Cuts 6 & 6A From Red Buoy-10 to southern end of Old Florida Terminal Corp. pier	Jul-2002	300	0.4	28	25.5 (5)	25.2 (5)	24.2 (5)	22.7 (5)
From the Florida Terminal Corp. pier, south to the junction of the AIWW (South Amelia River), Cuts 7 thru 10	Jul-2002	300	1.1	28	8.6 (6)	8.2 (6)	8.2 (6)	10.6 (6)
Rayonier Reach: Turning Basin, adjacent to Cuts 8 & 9.	Jul-2002	0-315	0.3	28	11.3 (7)	10.8 (7)	9.3 (7)	7.7 (7)

Remarks:

1. Spot shoaling located along the western edge of channel approximately 300 feet south of Red Buoy-4.
2. Shoaling located in widener of Cuts-4 & 5, just north of Red Buoy-8.
3. Shoaling located along western edge of Turning Basin.
4. Shoaling along face of Nassau Terminal dock.
5. Shoaling located throughout entire channel from approximately 500 feet south of Red Buoy-10 to Red Buoy-12.
6. Extensive shoaling throughout channel from Red Light-12 to the end of the authorized channel. (see note)
7. Shoaling encompasses entire Turning Basin. (see note)

Note: Although the project south of Nassau Terminal is authorized a 28-foot deep channel, this portion of the channel is used primarily for navigation on the Intracoastal Waterway between Fernandina Beach and the south prong of the Amelia River. The Intracoastal Waterway is authorized as a 12-foot deep project.